

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
7 April 2005 (07.04.2005)

PCT

(10) International Publication Number
WO 2005/030247 A1

(51) International Patent Classification⁷: A61K 38/43, A23K 1/165

(21) International Application Number: PCT/NZ2004/000241

(22) International Filing Date: 4 October 2004 (04.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: 528648 2 October 2003 (02.10.2003) NZ

(71) Applicant (for all designated States except US): AGRE-SEARCH LIMITED [NZ/NZ]; Private Bag 3123, 5th Floor Tower Block Ruakura Research Centre, East Street, Hamilton, 2020 (NZ).

(72) Inventor; and

(75) Inventor/Applicant (for US only): LEDGARD, Stewart, Francis [NZ/NZ]; 273 Marychurch Road, RD4, Hamilton, 2001 (NZ).

(74) Agents: PEARSON, Samuel, John? et al.; Level 12, KPMG Centre, 85 Alexandra Street, Hamilton, 2001 (NZ).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SI, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

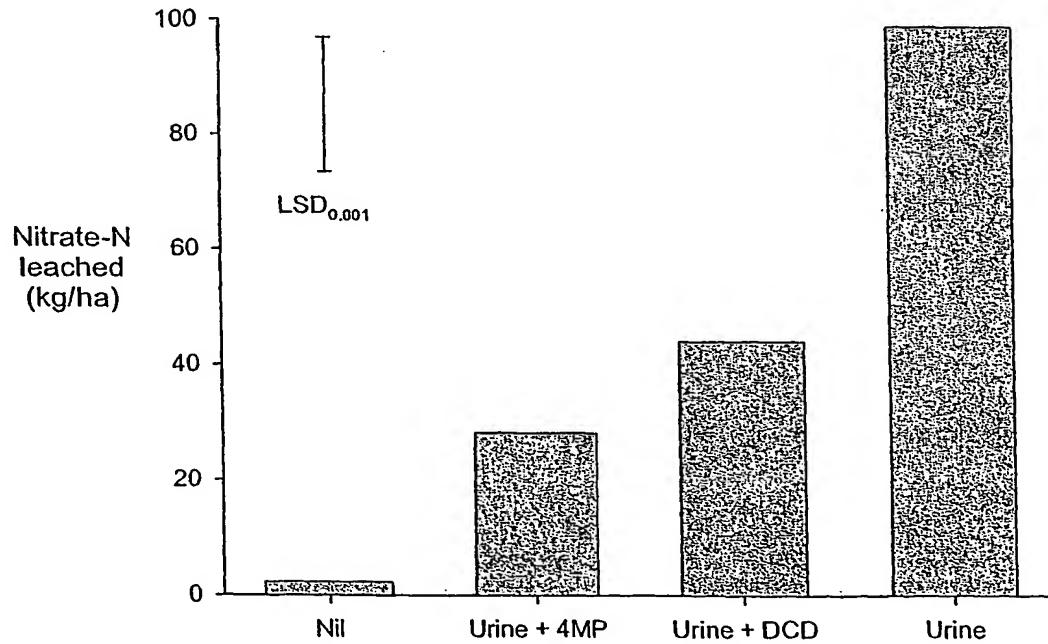
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: ALTERING ANIMAL WASTE COMPOSITION



WO 2005/030247 A1

(57) Abstract: A delivery device for altering the composition of animal waste, characterised in that the delivery device is adapted to deliver to an animal one or more treatment substances that can directly or indirectly affect the conversion of nitrogen containing compounds in animal waste, once the waste is excreted from the animal.

Best Available Copy